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*Teri McDonald* 9/22/05

## DOCUMENT(S) FAXED:

PAGES ATTACHED: 4

Re Applic of	Toshiaki Kirihata, et al.
Docket No.	FIS920030119US1
Serial No.	10/604,994
Filing Date	8/29/03
Attorney	H. Daniel Schnurmann

Attached:      Recordation of Assignment  
AssignmentRECEIVED  
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SEP 26 2005

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## INTERNATIONAL BUSINESS MACHINES CORPORATION

Intellectual Property Law  
East Fishkill Facility  
2070 Route 52  
Hopewell Junction  
New York 12533-6531Fax: 845-892-6363  
Phone: 845-894-2580

Docket No.: **FIS920030119US1**

FORM PTO-1585 (Modified)  
(Rev. 9-95)  
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## RECORDATION FORM COVER SHEET

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## PATENTS ONLY

Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Toshiaki Kiriata  
Hoki Kim  
Matthew Wordeman

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 8/29/03, 8/29/03, 8/27/03

## 2. Name and address of receiving party(ies):

Name: International Business Machines CorporationInternal Address: RECEIVED  
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Street Address: New Orchard RoadCity: Armonk State: NY ZIP: 10504Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

10/604,994

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: H. Daniel SchnurmannInternal Address: Dept. 18G, Building 300/482International Business Machines CorporationStreet Address: 2070 Route 52City: Hopewell Junction State: NY ZIP: 125336. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41):.....\$ 40.00☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

## 8. Deposit account number:

09--0458

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

H. Daniel Schnurmann

Name of Person Signing

Signature

September 22, 2005

Date

PATENT  
DOCKET NO. FIS920030119US1

**PATENT ASSIGNMENT FORM**

For and in consideration of good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor acknowledges his/her prior and ongoing obligation to sell, assign, and transfer, and agrees to sell, assign, and transfer the entire world wide right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements conceived during and within the scope of his/her employment, and further acknowledges that he/she has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto:

**INTERNATIONAL BUSINESS MACHINES CORPORATION ("IBM"),  
Armonk, New York 10504**

a corporation of New York, and IBM desires to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefor relating to:

Title of Invention for **MULTI-PORT MEMORY ARCHITECTURE**  
United States Patent

as set forth in United States Patent Application executed by each undersigned inventor on the date indicated by each inventor signature below, and further identified by Attorney Docket Number, FIS920030119US1 (select one): ☒ executed concurrently herewith or ☐ Serial No. \_\_\_\_\_ Filed on \_\_\_\_\_

for and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States and foreign patents and all rights of priority to be obtained therefor which may issue on any such application or for said invention therein disclosed, including any and all reissues or extensions thereof, to be held and enjoyed by, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

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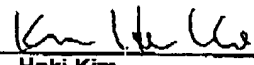
This assignment is governed by the substantive laws of the state of New York.

**PATENT**  
DOCKET NO. FIS920030119US1

Executed by Inventor 1 of 1

Signature:  Date: 8/29/2003  
Toshiaki Kiriata

Executed by Inventor 1 of 1

Signature:  Date: 8/29/03  
Hoki Kim

Executed by Inventor 1 of 1

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Matthew Wordeman

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PATENT  
DOCKET NO. F18920030119US1

Executed by inventor 1 of 1

Signature: Toshiaki Kirihata Date: \_\_\_\_\_

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Signature: Hoid Kim Date: \_\_\_\_\_

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Signature: Matthew Wordeman Date: 8/27/2003